Use Attainability Analysis

for

WBID 1528 Beaver Creek

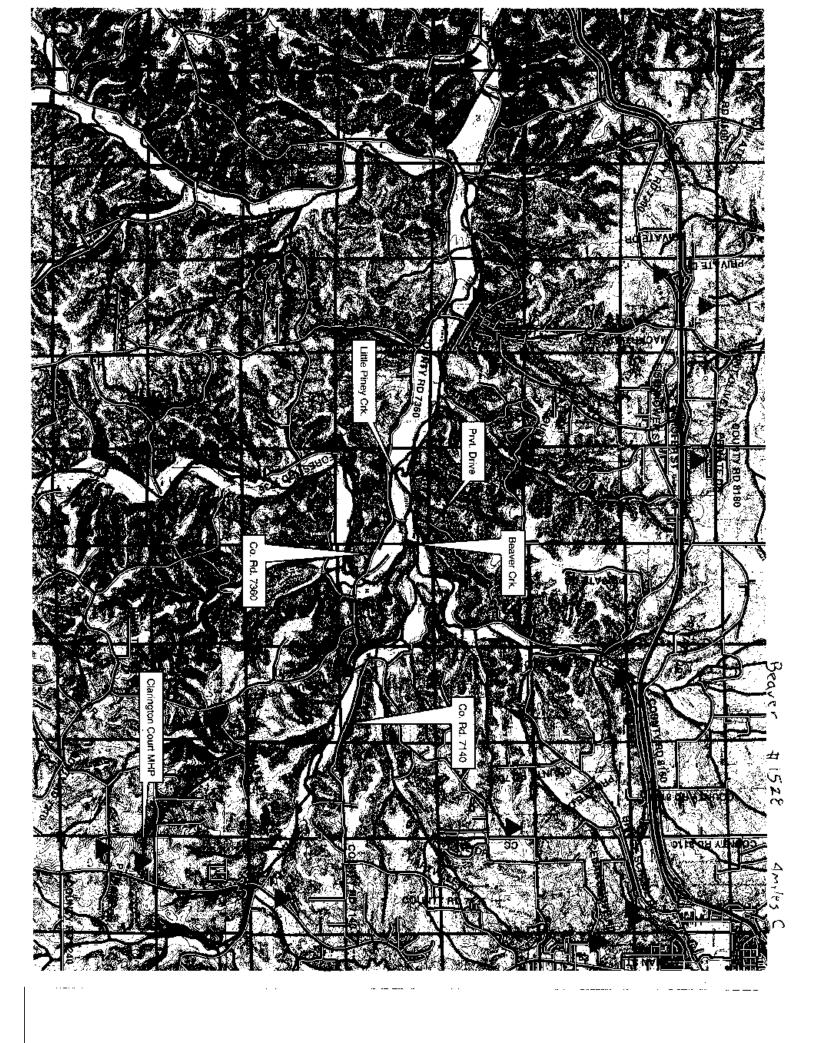
Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Data Sheet A - Water Body Identification~

| Water Body Name (from USGS 7.5' quad): Beaver Creek |
|---|
| 8-digit HUC: 10290203 |
| Missouri WBID #: 1528 |
| County: Phelps |
| Upstream Legal Description: NW 1/4 Sec. 33 T37N R8W |
| Downstream Legal Description: 5W 1/4 Sec 29 T37N R8W |
| Upstream Coordinates: UTM 604427 4194051 |
| Downstream Coordinates: UTM 602340 4/94858 |
| Discharger Facility Name(s): |
| Discharger Permit Number(s): |
| Number of Sites Evaluated: 2 |
| Name of Surveyor and Telephone Number: Tucker Fredrickson (573)526-4210 |
| Organization: MDNR |
| Position: Environmental Specialist |
| I. |
| he undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA asheet is true and accurate. |

| | Fredricken | Date: | 5/17 | /o5 <u> </u> |
|---|------------|-------|------|--------------|
| 8 | | | | |



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

| Missouri WBID #: | 528 - 01 | | Site Location Description: Access point from proper | | | | |
|---|--|----------------------------------|--|---------------------------------------|----------------------------|--|--|
| Site GPS Coordinates: | | 94051 | Of# 1 OFFICER, 13350 Co Ra. 1140 Facility Name: Beaver Creek | | | | |
| | _ 1 | 30 AM | | | | | |
| Personnel: Tuck | er Fredrick | | Permit Number: | | | | |
| Current Weather Condi | | | Weather Conditions for Past 7 days: Approx. I" rain | | | | |
| Photo Ids: Upstream: | - P. | nstream: | 38 Other: High Temp. Range Go-90" | | | | |
| Uses Observed*: | | | | | | | |
| Swimming | Skin diving | □ sct | UBA diving | Tubing | ☐ Water skiing | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Bos | ating | Wading | Rafting | | |
| ☐ Hunting | ☐ Trapping | Fisi | hing | None of the above | Other: | | |
| NA | | | | | • | | |
| Surrounding Condition | ns*: (Mark all that pr | romote or imp | pede recreational t | ises. Attach photos of evide | nce or unusual | | |
| Surrounding Condition | ons*: (Mark all that pr | | pede recreational u | uses. Attach photos of evide | nce or unusual | | |
| Surrounding Condition | | | nservation lands | | | | |
| Surrounding Conditionitiems of interest.) | Playgrounds | ☐ MDC cor | nservation lands forests | Urban areas | Campgrounds | | |
| Surrounding Condition items of interest.) City/county parks Boating accesses | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDC con☐ National | nservation lands forests | Urban areas Nature trails | Campgrounds | | |
| Surrounding Condition items of interest.) City/county parks Boating accesses No trespass sign | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDC cor ☐ National ☐ Steep slo | nservation lands forests | Urban areas Nature trails | Campgrounds | | |
| Surrounding Condition items of interest.) City/county parks Boating accesses No trespass sign Evidence of Human U Roads Rope swings | Playgrounds State parks Fence se*: Camping Sites | MDC cor National Steep slo | nservation lands forests pes Oock/platform | Urban areas Nature trails Other: NA | Campgrounds Stairs/walkway | | |

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # 1528:

| Stream Morphology: Upstream View Physica | l Dimensions: | • | | | |
|--|--|---|--|---|---------------------------------------|
| Riffle Width (ft); | Length (ft): | Avg. Depth | ı (ft): | Max. Depth (ft): | - |
| Run Width (ft): 20 | Length (ft): | 60 Avg. Depth | | | 5 |
| Pool Width (ft): | Length (ft): | Avg. Depth | ı (ft): | Max. Depth (ft): | <u> </u> |
| Flow Present? Y | es 🔲 No | Estimated (| (ft³/sec): | | <u> </u> |
| Downstream View Phys | ical Dimensions: | - | | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |
| Riffle Width (ft): | Length (ft): | Avg. Depth | ı (ft): | Max. Depth (ft): | |
| Run Width (ft): | Length (ft): | Avg, Depth | | Max. Depth (ft): | |
| Pool Width (ft): 30 | Length (ft): | 120 Avg. Depth | | Max. Depth (ft): | 5.5 |
| Flow Present? X Y | | Estimated (| | | |
| Substrate*: (These values sho | uld add up to 100%.) % Gravel | % Sand | % Silt | % Mud/Clay 30 | % Bedrock |
| periphyton 25% | 6 substrate | coverage | | | |
| periphyton 25% | lark all that apply.) | coverage | | Other: | |
| periphyton 25% Water Characteristics*: (M | lark all that apply.) ge Musky | Coverage Chemical Gray | ∑⁄None ☐ Milky | Other: | |
| Water Characteristics*: (M Odor: Sewa Color: Clear Bottom Deposit: Sludg | lark all that apply.) ge | Coverage Chemical | None Milky None | | , |
| Water Characteristics*: (M Odor: Sewa Color: ØClear | lark all that apply.) ge | Coverage Chemical Gray | None ☐ Milky | Other: | , |
| Water Characteristics*: (M Odor: Sewa Color: Studg Surface Deposit: Sludg Surface Deposit: Oil Comments: Please attach ad 1005 of MINDOWS, *This information is not to be used comprehensive understanding of we decision on the recreation use analytic the undersigned, hereby datasheet is true and accur | Substrate Substrate Substrate Iark all that apply.) ge | Coverage Chemical Gray Fine sediments Foam (including information of my knowledge, to the control of my knowledge, to the coverage of the coverage | None Milky None None None tion from inter cd- nation but rather on is not intended her analysis or th | Other: Other: Other: Other: tis to provide a more is to directly influence a at effect another use. | |
| Water Characteristics*: (M Odor: Sewa Color: Studg Surface Deposit: Sludg Surface Deposit: Oil Comments: Please attach ad 1005 of MINNOWS, *This information is not to be used comprehensive understanding of w decision on the recreation use anal I, the undersigned, hereby | Substrate Substrate Substrate Iark all that apply.) ge | Coverage Chemical Gray Fine sediments Foam (including information of my knowledge, to the control of my knowledge, to the coverage of the coverage | None Milky None None None tion from inter cd- nation but rather on is not intended her analysis or th | Other: Other: Other: Other: tis to provide a more is to directly influence a at effect another use. | |

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Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

| Missouri WB(D #: | 528 | | Site Location Description: Bridge Crossing | | | | | |
|--|--|-----------------------------------|--|---|--|--|--|--|
| Site GPS Coordinates: | E 602340 NA | 4194858 | of#2 County Road 7360 | | | | | |
| Date & Time: 5/17/ | | 100 | Facility Name: Beaver Creek | | | | | |
| Personnel: Tucke | r Fredricks | | Permit Number: Weather Conditions for Past 7 days: Approx. " rain 36 Other: High Temp. Range: 60-90" | | | | | |
| Current Weather Condit | | 60°F | | | | | | |
| Photo Ids: Upstream: | 0 1 | istream: | | | | | | |
| ses Observed*: | | | | - | | | | |
| Swimming | Skin diving | SCt | /BA diving | Tubing | Water skiling | | | |
| ☐ Wind surfing | ☐ Kayaking | Boa | ting | □ Wading | Rafting | | | |
| Hunting | Trapping | ☐ Fish | ing | None of the above | Other: | | | |
| Describe: (include numb | er of individuals recre | ating, freque | ncy of use, photo- | -documentation of evidence | of recreational uses, en | | | |
| rrounding Conditions of interest.) | ns*: (Mark all that pr | omote or imp | ede recreational u | ises. Attach photos of evider | nce or unusual | | | |
| rrounding Condition ms of interest.) City/county parks | n.s*: (Mark all that pr | omote or imp | ede recreational u servation lands | ises. Attach photos of evider Urban areas | nce or unusual Campgrounds | | | |
| rrounding Conditions of interest.) City/county parks Boating accesses | ns*: (Mark all that po | omote or imp MDC con National f | ede recreational u servation lands forests | uses. Attach photos of evider Urban areas Nature trails | nce or unusual | | | |
| rrounding Condition ms of interest.) City/county parks | n.s*: (Mark all that pr | omote or imp | ede recreational u servation lands forests | ises. Attach photos of evider Urban areas | nce or unusual Campgrounds | | | |
| rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign | ns*: (Mark all that pr | omote or imp MDC con National f | ede recreational u servation lands forests | uses. Attach photos of evider Urban areas Nature trails | nce or unusual Campgrounds | | | |
| rrounding Condition ms of interest.) City/county parks Boating accesses | ns*: (Mark all that pr | omote or imp MDC con National i | ede recreational u servation lands forests | uses. Attach photos of evider Urban areas Nature trails | ce or unusual Campgrounds Stairs/walkway | | | |
| NA Trounding Condition This of interest.) City/county parks Boating accesses No trespass sign Vidence of Human Us | ns*: (Mark all that property of the property of the parks | omote or imp MDC con National i | ede recreational u servation lands forests | Urban areas Nature trails Other: NA | nce or unusual Campgrounds | | | |

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID # 1528:

| Stream Morj Upstream | | ysical I | Dimensio | ons: | | • | | : | | |
|-------------------------|-------------|--------------------------------|--------------|-------------------|-----------------|---------------------------------|-----------------------------|----------------------|---|--------------------|
| Riffle | Width (ft) | | | gth (ft): | | Avg | Depth (ft): | | Max. Depth (f | 1): |
| Run | Width (ft) | | Len | gth (ft): | | Avg | Depth (ft): | • | Max. Depth (f | · |
| Dool Pool | Width (ft) | : 15 | Len | gth (ft): | 20 | Avg | Depth (ft); | 2.5 | Max. Depth (f | <u> </u> |
| Flow | Present? | X Yes | □ No | · | | | nated (ft ³ /sec | | | 7.0 |
| Downstrea | ım View | Physics | al Dimer | ısions: | | | | | | |
| Riffle | Width (ft) | | | gth (ft): | | Avg | Depth (ft): | | Max. Depth (f | |
| Run | Width (ft) | - | Len | gth (ft): | · | | Depth (ft): | | Max. Depth (f | · - ··- |
| Pool | Width (ft) | 25 | Len | gth (ft): | 25 | | Depth (ft): | 2.5 | Max. Depth (f | |
| Flow | Present? | X Yes | _ □ No | | | · · | nated (ft ³ /sec | , | | <u> </u> |
| Substrate*: | (These valu | ies should | l add up to | 100%) | - | | | | | |
| | Cobble | | % Gravel | | | Sand | 9 | % Silt | % Mud/Clay | % Bedrock |
| Water Chara | | s*: (Marl | | pply.) Musky | | Chemica | ıl İ Z | None | Other: | - |
| Color: | Ž | Clear | | Green | | Gray | â | Milky | Other: | |
| Bottom Dep | | Sludge | | Solids | | Fine sed | iments 🔽 | None | Cther: | |
| Surface Dep | osit: | Oil | | Scum | | Foam | <u> </u> | None | Other: | |
| *This informatio | n is not to | Káa be used so ng of wat | olely for re | Sible emoval o | in u farecre | PS+veational us lv. this int | eam plus designation is a | no to. n but rather | views) to this for the following first a more to provide a more to directly influence at effect another use | observed. |
| datasheet is t | rue and | accurat | e. | | | | | | nation reported | |
| Signed: | whe- | -J- | edni | bon | | Е | ate: | 5 17/ | 0.5 | |
| Organization: | MDI | 1R | | · | |] | osition: _ | ES | 0.5 | |

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